

Miniature Switch



Center-off

NM02 Series

Features

- Switch in miniature construction with neutral middle setting and large actuation angle ($\pm 40^\circ$) to the left and right with a switching point of $10 \pm 5^\circ$
- Large overtravel for high switching stability
- Depending on the actuation direction, the opposite contact closes
- Operating life > 100,000 switch operations
- Waterproof according to protection type IP67 with silicone-free sealing gasket
- Temperature range -40 °C to +85 °C

Standard parts

Order codes on request. For specific part numbers, please contact the factory: switches-sensors@zf.com

Electrical rating

| Code | Rating | Electrical life |
|------|-----------------------|-------------------------|
| 1 | 0.005 – 0.1 A 12 V DC | min. 100,000 operations |

Environmental and Mechanical Specifications

| | |
|-------------------|-------------------------|
| Operating force | > 13 cN |
| Mechanical life | min. 100,000 operations |
| Temperature range | -40 °C to +85 °C |
| Protection class | IP 67 |

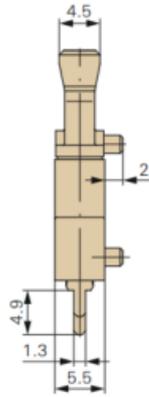
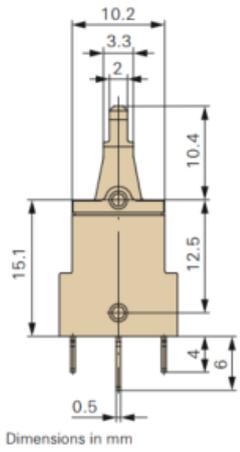
Material Specifications

| | |
|----------------|--------------------|
| Base | PBT |
| Cover + Gasket | PA + TPE |
| Actuator | PA |
| Terminals | CuZn silver-plated |
| Contacts | AuAg (crosspoint) |

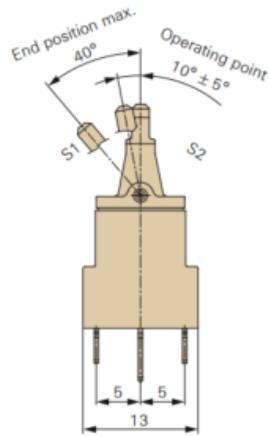
<https://switches-sensors.zf.com/>



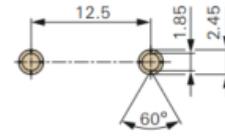
Dimensions in mm



Travel/deflection



Hole pattern for location pins



How it works

